BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate
Item No.

Name of Work: Maintenance of BBMP Drilled Borewells, Providing Pipeline, Repair of Pipeline and Gate Valves in Ward No. 11 (Kuvempunagara), Vidyaranyapura Sub Division.

Sl. No.	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
1	25	Lifting of Submersible pump set as per Soecification and direction etc., complete and as per the directions of the Engineer-in-charge of the work	No.	850.00	
2	25	Transportation of pumping machineries etc., complete and as per the directions of the Engineer-in-charge of the work	No.	900.00	
3	25	Labour charges (over hauling) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	550.00	
4	25	**A) Repairs to Motor:** Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. etc., complete and as per the directions of the Engineer-in-charge of the work	No.	4750.00	
5	25	Starter (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	5050.00	
6	25	Rotor (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	4700.00	
7	25	Upper Flange etc., complete and as per the directions of the Engineer-in-charge of the work	No.	350.00	
8	25	Lower Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.	650.00	
9	25	Carbon Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.	475.00	
10	25	Thrust bearing block assembly complete with Segment bearing pad.etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1150.00	
		C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement.			
11	25	Oil Seal etc., complete and as per the directions of the Engineer-in-charge of the work	No.	125.00	
12	25	Oil Seal Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	150.00	
13	300	Guide vane etc., complete and as per the directions of the Engineer-in-charge of the work	No.	175.00	

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14	300	Impeller Shell moulded with aluminium Bronze) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	425.00	
15	25	Discharge outlet (D.O) Bearing D.O Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	445.00	
16	25	Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	150.00	
17	25	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	950.00	
18	25	Non – return valve (NRV) assembly complete with rubber 'O' Ring etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1350.00	
19	25	Cable Guard etc., complete and as per the directions of the Engineer-in-charge of the work	No.	150.00	
20	25	Brass Filter etc., complete and as per the directions of the Engineer-in-charge of the work	No.	250.00	
21	25	Re-erection charges of pumping machineries including overhauling and pointing etc., complete and as per the directions of the Engineer-in-charge of the work	Each	950.00	
22	150	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS marketc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	375.00	
23	20	Heavy Duty Collar 50 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work	Nos	130.00	
24	210	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) **4 Sqm mm of 56 strands 0.3mm dia Group - A** etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	188.70	
25	50	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.**P No. 68/ I No. 4(d) 4 core 16 Sqmm** etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	140.40	
26	50	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, **P No. 69 / I No. Ia In existing trencg/duct 6Sqmm to 16 Sqmm)** etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	10.80	

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27	45	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete (as per Civil SR KSRB **1-2 P-7)** etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	85.00	
28	8	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	345.00	
29	2	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., complete and as per the directions of the Engineer-in-charge of the work	No.	280.00	
30	2	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm etc., complete and as per the directions of the Engineer-in-charge of the work	No.	2727.00	
31	12	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete and as per the directions of the Engineer-in-charge of the work	No.	180.00	
32	180.00	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	188.00	
33	400.00	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC	Rmtr	157.00	
34	180.00	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	61.00	
35	20.00	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each	2120.00	

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Sl. No.	Approved Quantity	Description	Unit	Rates	
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36	990	Supply of Drinking Water through water tankers of Capacity 6000 Liters Hiring of Water Tanker (Page No. XXXVIII, Code No. 1032) For 3000 Liter Capacity =450.60 =242.80 2 2) Hiring of Tractor 40HP Procurement of Water Rs. 216.00 / Load (6000 Liters) Considering 3000 Liters cost is Rs. 108.00/Load Considering 5 Loads/Day 5X108.00=540.00 Engaging Causal Labours (Unskilled mazdoor Heavy)	trip	454.00	

Signature of the Contractor

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ತಿದ್ದುಪಡಿಗಳ ಸಂಖ್ಯೆ .....Nil
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ಅನುಮೋದನೆ ನೀಡಲಾಗಿದೆ.